

CLAIMS

What is claimed is:

1. An ink jet printing device for manufacturing an organic electroluminescent device, comprising:
 - a chamber, which has a space, wherein a basement for supporting a substrate of the organic electroluminescent device is provided in the space;
 - an inkjet unit, which has a print head including a plurality of print holes, the print head being set inside the chamber and used to inject ink toward the substrate; and
 - a pressure adjusting unit, which connects to the space for steadying a pressure of the space within a specific value.
2. The device of claim 1, wherein the specific value is set between 0.5 atmospheres and 1.5 atmospheres.
3. The device of claim 1, further comprising:
 - a freshening unit, which connects to the chamber and injects gas into the chamber.
4. The device of claim 3, wherein the injected gas is inert gas.
5. The device of claim 4, wherein the injected gas is helium.
6. The device of claim 4, wherein the injected gas is argon.
7. The device of claim 1, wherein the pressure adjusting unit comprises a pump and a controller, the controller controlling the pump to inject gas to or to exhaust gas from the chamber, and the amount of the injected gas or the exhausted gas.

8. The device of claim 7, wherein the injected gas is moisture-free and oxygen-free.
9. The device of claim 7, wherein the injected gas is inert gas.
10. The device of claim 9, wherein the injected gas is helium.
11. The device of claim 9, wherein the injected gas is argon.
12. The device of claim 8, wherein the injected gas is nitrogen.
13. An ink jet printing method for manufacturing an organic electroluminescent device, which is performed with an ink jet printing device comprising a chamber, a pressure adjusting unit and an inkjet unit, the method comprising:
providing a substrate of the organic electroluminescent device in the chamber;
adjusting a pressure of the chamber with the pressure adjusting unit for steadying the pressure of the chamber within a specific value; and
injecting ink toward the substrate with the inkjet unit.
14. The method of claim 13, wherein the specific value is set between 0.5 atmospheres and 1.5 atmospheres.
15. The method of claim 13, wherein the pressure adjusting unit exhausts gas from the chamber to decrease the pressure of the chamber, and the pressure adjusting unit injects gas into the chamber to increase the pressure of the chamber.
16. The method of claim 15, wherein the injected gas is moisture-free and oxygen-free.
17. The method of claim 15, wherein the injected gas is inert gas.

18. The method of claim 17, wherein the inert gas is helium.
19. The method of claim 17, wherein the inert gas is argon.
20. The method of claim 16, wherein the injected gas is nitrogen.